

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
 Data File : BN004500.D
 Acq On : 26 Feb 2019 14:45
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02082

Manual Integrations
 APPROVED

Sohil
 2/27/2019 4:19:01 PM

Quant Time: Feb 27 04:07:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 25 23:23:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22240	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	110120	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	71255	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.13	188	177553	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	257734	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	330898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2771	7.49	ng/uL	0.00
5) Phenol-d5	6.89	99	37594	18.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	18115	18.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	33031	20.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	32876	19.30	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	15770	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	17325	22.77	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.14	165	37006	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	43663	22.88	ng/ul	-0.01
44) Dimethylphthalate-d6	13.79	166	119816	19.83	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	152085	21.25	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	22265	19.25	ng/ul	-0.01
58) Fluorene-d10	15.37	176	110830	20.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	20059	19.37	ng/ul	0.00
71) Anthracene-d10	17.22	188	179741	21.12	ng/ul	-0.01
79) Pyrene-d10	19.52	212	223565	19.35	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.45	264	365342	21.04	ng/ul	-0.01

Target Compounds

				Ovalue
2) 1,4-Dioxane	3.28	88	3263	7.169 ng/uL# 93
4) Benzaldehyde	6.89	77	22770	20.012 ng/ul 97
6) Phenol	6.92	94	38371	19.389 ng/ul 99
8) Bis(2-Chloroethyl)ether	7.17	93	26579	18.775 ng/ul 98
10) 2-Chlorophenol	7.30	128	32482	20.298 ng/ul 99
11) 2-Methylphenol	8.17	108	30436	19.228 ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	30328m	18.075 ng/ul
14) Acetophenone	8.56	105	50430	19.863 ng/ul 99
15) N-Nitroso-di-n-propylamine	8.53	70	21116	19.388 ng/ul 99
16) 4-Methylphenol	8.49	108	33161	18.928 ng/ul 97
17) Hexachloroethane	8.80	117	11864	21.175 ng/ul 87
20) Nitrobenzene	8.94	77	33275	20.863 ng/ul 97
21) Isophorone	9.45	82	65555	20.064 ng/ul 99
23) 2-Nitrophenol	9.64	139	18701	21.908 ng/ul 95
24) 2,4-Dimethylphenol	9.69	107	39754	20.647 ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.94	93	39107	18.447 ng/ul 98
27) 2,4-Dichlorophenol	10.16	162	36407	21.373 ng/ul 99
28) Naphthalene	10.58	128	116136	20.455 ng/ul 99
30) 4-Chloroaniline	10.69	127	43437	22.743 ng/ul 98
31) Hexachlorobutadiene	10.84	225	24750	22.474 ng/ul 97
32) Caprolactam	11.45	113	10709	18.618 ng/ul 92
33) 4-Chloro-3-methylphenol	11.80	107	38278	20.835 ng/ul 99
34) 2-Methylnaphthalene	12.19	142	89866	20.634 ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	87393	20.348	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	51806	21.840	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	28953	19.632	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	31035	22.143	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	34754	22.073	ng/ul	95
41) 1,1'-Biphenyl	13.20	154	117491	20.407	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	93761	20.936	ng/ul	99
43) 2-Nitroaniline	13.46	65	19742	21.595	ng/ul	99
45) Dimethylphthalate	13.83	163	117902	19.736	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	22135	21.016	ng/ul	98
48) Acenaphthylene	14.10	152	141589	20.828	ng/ul	99
49) 3-Nitroaniline	14.29	138	22610	21.034	ng/ul	97
50) Acenaphthene	14.44	153	102550	20.942	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	11344	17.312	ng/ul	95
53) 4-Nitrophenol	14.59	109	17701	20.577	ng/ul	96
54) Dibenzofuran	14.77	168	145934	20.602	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	34619	20.953	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.00	232	32888	22.893	ng/ul	97
57) Diethylphthalate	15.20	149	118717	20.138	ng/ul	99
59) Fluorene	15.43	166	118880	20.710	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	64192	21.134	ng/ul	98
61) 4-Nitroaniline	15.46	138	28248	20.192	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.50	198	21589	19.833	ng/ul	100
65) N-Nitrosodiphenylamine	15.64	169	103312	20.318	ng/ul	100
66) 4-Bromophenyl-phenylether	16.32	248	42659	21.502	ng/ul	98
67) Hexachlorobenzene	16.42	284	51787	22.285	ng/ul	97
68) Atrazine	16.59	200	39713	20.278	ng/ul	99
69) Pentachlorophenol	16.77	266	28530	21.062	ng/ul	98
70) Phenanthrene	17.17	178	201959	20.501	ng/ul	99
72) Anthracene	17.26	178	207807	20.952	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	53096	21.802	ng/ul	99
74) Pentachlorobenzene	14.69	250	57355	22.034	ng/ul	98
75) Carbazole	17.53	167	183828	20.745	ng/ul	99
76) Di-n-butylphthalate	18.09	149	201812	20.745	ng/ul	99
77) Fluoranthene	19.19	202	262972	21.684	ng/ul	96
80) Pvrene	19.56	202	274741	19.276	ng/ul	97
81) Butylbenzylphthalate	20.46	149	98062	20.022	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	114136	21.113	ng/ul	99
83) Benzo(a)anthracene	21.31	228	327861	20.640	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	152468	20.769	ng/ul	100
85) Chrysene	21.36	228	308365	20.449	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	293294	18.513	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	398473	20.334	ng/ul	98
89) Benzo(k)fluoranthene	22.96	252	372350	19.545	ng/ul	99
91) Benzo(a)pyrene	23.50	252	393905	20.600	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	520489	21.437	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	434918	21.530	ng/ul	97
94) Benzo(a,h,i)perylene	26.59	276	431753	21.217	ng/ul	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed						

